

TO : PARTICIPANTS IN 1997 SERC WINTER BIRD COUNT

FROM : JIM LYNCH 

RE : RESULT OF COUNT

DATE : 12 JANUARY 1997

Weather: So far, the winter of 1996-97 has been unusually mild. Temperatures reached into the 70's a week prior to the count, breaking all-time records for the Baltimore-Washington region. This balmy weather quickly deteriorated, and falling temperatures and snow flurries characterized the pre-count week. About 1" of new snow blanketed the count area the night before the count. The morning of the count was calm, clear, and cool (ca. 25° F). The day remained on the cool side, with afternoon temperatures peaking at 34-36° F, but a stiff breeze had built by mid-day. The Rhode River and West River were free of ice, a welcome change from last year's ice-locked conditions.

The count-- We mustered 14 volunteers at the SERC visitor's center at 07:00. As usual, we broke up into four parties, each of which covered a different sector of the 70 km² Rhode River count area (this is only about 5% the size of a standard 1,810 km² Audubon Christmas Count circle). Each party was in the field for 6.5-9 hours. Weather conditions were reasonably good, and our final tally of 66 bird species was moderately high compared with previous SERC counts. We easily exceeded 1996's miserable total of 44 species and 1995's 60 species, but did not match the 1993,1994 counts, which yielded 70 and 68 species, respectively. Last year's ice-bound conditions were anathema to water birds, and in 1996 we counted only 2 species of waterfowl (Canada Goose and Tundra Swan). This year we tallied 13 waterfowl species, a record for the SERC count. Other major contrasts with last year's results included a steep decline in numbers of Canada Geese (313 vs. 2184) and a huge influx of Ruddy Ducks (none in past three years, vs. 1,248 this year). Unusual species (for the SERC area) in this year's count included the first ever records of Hooded Merganser and American Coot, and our second-ever Fox Sparrow and Chipping Sparrow.

Thanks to all of you for helping out, and I look forward to seeing you again next year.

cc: Ed Balinsky, Chris Barkan, Danny Bystrak, Paul Fofonoff, Tod Heisler, Chris Himes, Stephanie Jamieson, Jim Lynch, Karen Marti, Linda McCann, Jess Parker, Chris Swarth, Charles Weatherhill, Denny Whigham

Results of 1997 SERC winter bird count (11 January 1996)

7

No. of observers: 14 No. of parties: 4 Party hrs: ca. 29 Weather: clear; T = 25-35° F;
 winds: calm in early A.M., building to moderate for rest of day Ice: none Sectors: 1 - Camp
 Letts S. to Dock Rd; 2 - Dock Rd S. to Muddy Creek; 3 - Muddy Creek S. to Cumberstone Rd; 4 -
 Cumberstone Rd. S. to West River.

Species	No. counted in sector				total
	1	2	3	4	
Great Blue Heron	1	1		2	4
Tundra Swan	1	1	14	22	38
Mute Swan			2	2	4
Canada Goose	34	28	251		313
Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Kildeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker	1	4		8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
Blue Jay	6	14	15	11	46
Carolina Chickadee	17	19	9	19	64

Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	No. counted in sector				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
Total Species	41	36	43	51	66

11:45 5:30
6:55- 1:30
5:00 4:00

SERC Winter Bird Checklist

DANNY BYSTRAK
CHARLES WEATHERHILL
ED BELINSKY

Observers JESS PARKER

Date 1-11-97 Sector 4
Party Size 4 Party Hrs 9
Miles: Foot 11 Car 0 Boat 0 Total 11

Species	Individuals
Mute Swan	2
Common Loon	1
Great Blue Heron	2
Tundra Swan	13
Canada Goose	9
Mallard	9
Black Duck	52
Wood Duck	14
Redhead	1
Canvasback	8
Greater Scaup	710
Lesser Scaup	21
Scaup sp.	19
Comm. Goldeneye	1
Bufflehead	27
Ruddy Duck	456
Hooded Merganser	215
Oldsquaw	1
Turkey Vulture	4
Black Vulture	1
Bald Eagle	5
Sharp-shinned Hawk	2
Red-tailed Hawk	1
Red-shouldered Hawk	1
American Kestrel	1
Bobwhite	1
Kildeer	1
Herring Gull	25
Ring-billed Gull	6
Gr. Black-backed Gull	75
Mourning Dove	1
Great Horned Owl	19
Barred Owl	1
Barn Owl	1
Belted Kingfisher	1
Common Flicker	2
Pileated Woodpecker	1
Yellow-bell. Sapsucker	7
Hairy Woodpecker	1
Downy Woodpecker	2
Red-bellied Woodpecker	6
Eastern Phoebe	10
Red-headed Woodpecker	6

Species	Individuals
Common Crow	7
Fish Crow	1
Blue Jay	6
Carolina Chickadee	5
Tufted Titmouse	10
White-br. Nuthatch	8
Red-br. Nuthatch	2
Brown Creeper	1
Carolina Wren	1
Winter Wren	1
N. Mockingbird	11
Brown Thrasher	2
Gray Catbird	1
American Robin	21
Hermit Thrush	3
Eastern Bluebird	1
Ruby-cr. Kinglet	1
Golden-cr. Kinglet	6
Cedar Waxwing	11
European Starling	30
Yell.-rumped Warbler	31
House Sparrow	23
Red-winged Blackbird	15
Eastern Meadowlark	1
Common Grackle	1
Brown-headed Cowbird	1
Northern Cardinal	12
Purple Finch	4
House Finch	1
Am. Goldfinch	15
Ruf.-sided Towhee	2
Dark-eyed Junco	6
Field Sparrow	7
Wh.-throated Sparrow	17
Swamp Sparrow	2
Song Sparrow	11
	96
	5
	16
	36
	8
	53

HOSP
HOF
CHSP
FOSP
AMCO

9/13
54
66

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

Jan 1997 Count

"Target" species - often in area, but missed on some counts

All loons and grebes

All herons and egrets GBH

Tundra Swan and Mute Swan both

All ducks except Mallard, Black Duck, Bufflehead, Lesser Scaup, Canvasback

Bald Eagle

All hawks except Red-shouldered Hawk

SS Hawk

also: Ruddy, R br Merganser, Hooded Merg.

C. gull, Gull, Am. Coot

All owls

All gulls except Ring-billed Gull Gr B Bk, Herring

All shorebirds K:deer

Rock Dove

Bobwhite

Wild Turkey

Red-headed Woodpecker

Eastern Phoebe

Fish Crow

Red-breasted Nuthatch and White-breasted Nuthatch

Winter Wren

Brown Thrasher

Gray Catbird

Hermit Thrush

American Robin

Ruby-crowned Kinglet Golden-cr. Kinglet

Loggerhead Shrike

Brown-headed Cowbird

Common Grackle

Purple Finch and House Finch

All sparrows except House, White-throated, and Song

Swamp

Chipping

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Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Kildeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker	1	4		8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
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Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
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Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow		2			2
Red-winged Blackbird	103	2		115	220
Common Grackle		7		1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
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Rufous-sided Towhee	2		1	7	10
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American Coot				3	3
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Black Vulture	3		7	6	16
Bald Eagle				2	2
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Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker	1		4	8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
Blue Jay	6	14	15	11	46
Carolina Chickadee	17	19	9	19	64

Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	No. counted in sector				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow		2			2
Red-winged Blackbird	103	2		115	220
Common Grackle		7		1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch		10			10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
Total Species	41	36	43	51	66

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Species	No. counted in sector				total
	1	2	3	4	
Great Blue Heron	1	1		2	4
Tundra Swan	1	1	14	22	38
Mute Swan			2	2	4
Canada Goose	34	28	251		313
Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Kildeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker	1	4		8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
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American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Kildeer	3		8		11
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Red-tailed Hawk	3	2	2	1	10
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 winds: calm in early A.M., building to moderate for rest of day Ice: none Sectors: 1 - Camp
 Letts S. to Dock Rd; 2 - Dock Rd S. to Muddy Creek; 3 - Muddy Creek S. to Cumberstone Rd; 4 -
 Cumberstone Rd. S. to West River.

Species	No. counted in sector				total
	1	2	3	4	
Great Blue Heron	1	1		2	4
Tundra Swan	1	1	14	22	38
Mute Swan			2	2	4
Canada Goose	34	28	251		313
Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Kildeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker	1	4		8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
Blue Jay	6	14	15	11	46
Carolina Chickadee	17	19	9	19	64

Results of 1997 SERC winter bird count (11 January 1996)

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Canada Goose	34	28	251		313
Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Kildeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker	1	4		8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
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Tundra Swan	1	1	14	22	38
Mute Swan			2	2	4
Canada Goose	3	4	28	251	313
Mallard	1	1	4	3	27
Black Duck	1	4	42	164	286
Canvasback	200			718	918
Scaup sp.	7	5		40	115
Common Goldeneye				1	1
Bufflehead	1	4		55	69
Ruddy Duck	5	77		671	1248
Red-breasted Merganser	1	0	1		11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Kildeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	6	1	7	10	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker	1		4	8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
Blue Jay	6	14	15	11	46
Carolina Chickadee	1	7	19	9	64

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Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Kildeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker	1	4		8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
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Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
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Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
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Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
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Belted Kingfisher	2	1	1	1	5
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Pileated Woodpecker				1	1
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Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
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Hooded Merganser		2	7	1	10
American Coot				3	3
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Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Kildeer	3		8		11
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Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker	1	4		8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
Blue Jay	6	14	15	11	46
Carolina Chickadee	17	19	9	19	64

Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	No. counted in sector				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
Total Species	41	36	43	51	66

Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	No. counted in sector				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
Total Species	41	36	43	51	66

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Brown Thrasher				2	2
American Robin				24	24
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Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
Total Species	41	36	43	51	66

Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	No. counted in sector				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
Total Species	41	36	43	51	66

Results of 1997 SERC winter bird count (11 January 1996)

No. of observers: 14 No. of parties: 4 Party hrs: ca. 29 Weather: clear; T = 25-35° F;
 winds: calm in early A.M., building to moderate for rest of day Ice: none Sectors: 1 - Camp
 Letts S. to Dock Rd; 2 - Dock Rd S. to Muddy Creek; 3 - Muddy Creek S. to Cumberstone Rd; 4 -
 Cumberstone Rd. S. to West River.

Species	No. counted in sector				total
	1	2	3	4	
Great Blue Heron	1	1		2	4
Tundra Swan	1	1	14	22	38
Mute Swan			2	2	4
Canada Goose	34	28	251		313
Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Kildeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker	1	4		8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
Blue Jay	6	14	15	11	46
Carolina Chickadee	17	19	9	19	64

Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	No. counted in sector				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
Total Species	41	36	43	51	66

TO : PARTICIPANTS IN 1997 SERC WINTER BIRD COUNT
FROM : JIM LYNCH
RE : RESULT OF COUNT
DATE : 12 JANUARY 1997

Weather: So far, the winter of 1996-97 has been unusually mild. Temperatures reached into the 70's a week prior to the count, breaking all-time records for the Baltimore-Washington region. This balmy weather quickly deteriorated, and falling temperatures and snow flurries characterized the pre-count week. About 1" of new snow blanketed the count area the night before the count. The morning of the count was calm, clear, and cool (ca. 25° F). The day remained on the cool side, with afternoon temperatures peaking at 34-36° F, but a stiff breeze had built by mid-day. The Rhode River and West River were free of ice, a welcome change from last year's ice-locked conditions.

The count.-- We mustered 14 volunteers at the SERC visitor's center at 07:00. As usual, we broke up into four parties, each of which covered a different sector of the 70 km² Rhode River count area (this is only about 5% the size of a standard 1,810 km² Audubon Christmas Count circle). Each party was in the field for 6.5-9 hours. Weather conditions were reasonably good, and our final tally of 66 bird species was moderately high compared with previous SERC counts. We easily exceeded 1996's miserable total of 44 species and 1995's 60 species, but did not match the 1993,1994 counts, which yielded 70 and 68 species, respectively. Last year's ice-bound conditions were anathema to water birds, and in 1996 we counted only 2 species of waterfowl (Canada Goose and Tundra Swan). This year we tallied 13 waterfowl species, a record for the SERC count. Other major contrasts with last year's results included a steep decline in numbers of Canada Geese (313 vs. 2184) and a huge influx of Ruddy Ducks (none in past three years, vs. 1,248 this year). Unusual species (for the SERC area) in this year's count included the first ever records of Hooded Merganser and American Coot, and our second-ever Fox Sparrow and Chipping Sparrow.

Thanks to all of you for helping out, and I look forward to seeing you again next year.

cc: Ed Balinsky, Chris Barkan, Danny Bystrak, Paul Fofonoff, Tod Heisler, Chris Himes, Stephanie Jamieson, Jim Lynch, Karen Marti, Linda McCann, Jess Parker, Chris Swarth, Charles Weatherhill, Denny Whigham

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11 Jan 1997 Bird Count

SERC Winter Bird Checklist

Observers _____

Date 11 Jan 97 Sector _____

Party Size _____ Party Hrs _____

Miles: Foot _____ Car _____ Boat _____ Total _____

Species	Individuals	Species	Individuals
Common Loon	1 2 3 4 TOTAL	Common Crow	1 2 3 4 TOTAL
Great Blue Heron	1 1 2 (4)	Fish Crow	— — — —
Tundra Swan	1 1 14 22 (38)	Blue Jay	6 14 15 11 (46)
Canada Goose	34 28 25 1 (313)	Carolina Chickadee	17 19 9 19 (64)
Mallard	11 9 3 9 (27)	Tufted Titmouse	4 17 12 16 (49)
Black Duck	14 8 2 16 (286)	White-br. Nuthatch	— 2 — 2 (4)
Wood Duck	— — — —	Red-br. Nuthatch	— — — —
Redhead	— — — —	Brown Creeper	— 2 1 — (3)
Canvasback	200 — 718 (918)	Carolina Wren	— 1 2 1 (4)
Greater Scaup	— — — —	Winter Wren	1 1 2 — (4)
Lesser Scaup	— — — —	N. Mockingbird	4 0 2 4 (10)
Scaup sp.	75 — 40 (115)	Brown Thrasher	— — — 2 (2)
Comm. Goldeneye	1 (1)	Gray Catbird	— — — —
Bufflehead	14 — 55 (69)	American Robin	— — — 24 (6)
Ruddy Duck	577 — 671 (1248)	Hermit Thrush	— 2 9 3 (14)
Red-br. Merganser	10 1 — (11)	Eastern Bluebird	5 11 25 — (41)
Oldsquaw	— — — —	Ruby-cr. Kinglet	— — — —
Turkey Vulture	5 5 2 4 (16)	Golden-cr. Kinglet	— 17 4 6 (27)
Black Vulture	3 0 7 6 (16)	Cedar Waxwing	— 4 14 — (18)
Bald Eagle	— — 2 (2)	European Starling	— 1 3 31 (35)
Sharp-shinned Hawk	— — 1 1 (2)	Yell.-rumped Warbler	7 16 9 57 (89)
Red-tailed Hawk	3 2 2 1 (8)	House Sparrow	2 — — — (2)
Red-shouldered Hawk	1 — 1 — (2)	Red-winged Blackbird	103 2 — 15 (120)
American Kestrel	1 — — — (1)	Eastern Meadowlark	— — — —
Bobwhite	— — — —	Common Grackle	7 — — 1 (8)
Kildeer	3 — 8 — (11)	Brown-headed Cowbird	— — — —
Herring Gull	— — 1 25 (26)	Northern Cardinal	3 9 23 16 (30)
Ring-billed Gull	61 7 10 81 (159)	Purple Finch	— — — 1 (1)
Gr. Black-backed Gull	1 — 1 1 (3)	House Finch	10 — — — (10)
Mourning Dove	— 6 — 19 (25)	Am. Goldfinch	5 18 6 17 (46)
Great Horned Owl	— — — —	Ruf.-sided Towhee	2 — 1 7 (10)
Barred Owl	— — — —	Dark-eyed Junco	31 107 21 19 (178)
Barn Owl	— — — —	Field Sparrow	— — — —
Belted Kingfisher	2 1 1 1 (5)	Wh.-throated Sparrow	16 141 93 95 (346)
Common Flicker	5 3 11 3 (22)	Swamp Sparrow	— — 1 5 (6)
Pileated Woodpecker	— — — 1 (1)	Song Sparrow	2 23 17 16 (58)
Yellow-bell. Sapsucker	— 1 4 8 (13)	Mute Swan	— — 2 2 (4)
Hairy Woodpecker	— — — 6 (6)	Hooded Merg.	— 2 7 1 (10)
Downy Woodpecker	4 10 9 11 (34)	Red-b. Woodpecker	— 1 — 1 (2)
Red-bellied Woodpecker	4 5 9 16 (34)	Chipping Sparrow	— — 1 — (1)
Eastern Phoebe	1 — — — (1)	Fox Sparrow	— — 1 — (1)
	29 15 18 15 31	American Coot	18 21 45 16 35 (35)

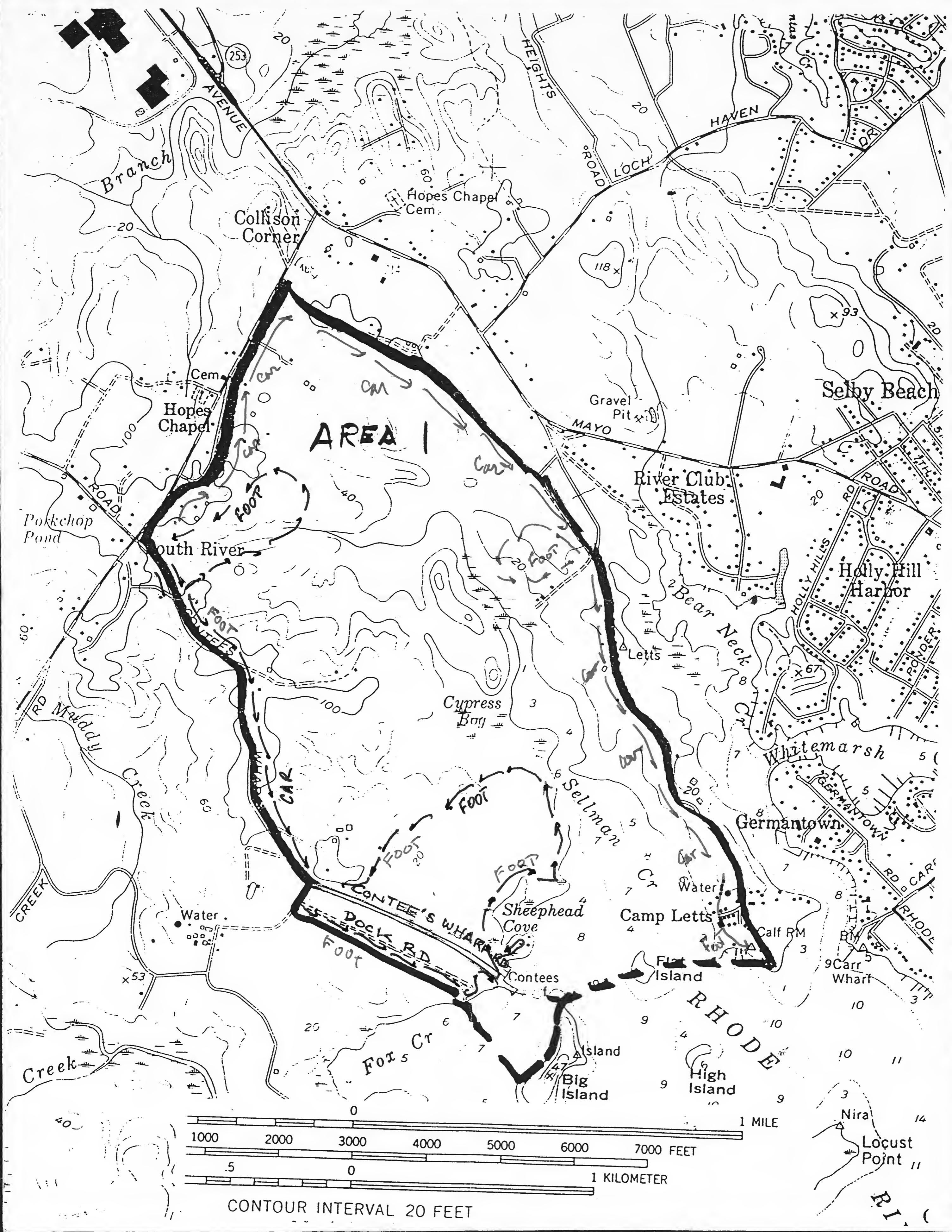
Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed Grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

Total spp

SECTOR + TOTAL
1-41
2-36
3-43
4-51

Grand Total: 66 species

66 spp.





ATTENDEES

SMITHSONIAN ENVIRONMENTAL RESEARCH CENTER

Nancy Polen + Paul McCullister

Betty Von Hulke (+ 1?)

Jess Parker + 1

Denny + Sev.

Danny Bystrak

Paul Fotofonoff

Mark + Sheila

Todd + Chris?

Laurie + John (PM)

Jim + Linda

Chris Snare

Chris Barkan

Ed B. P.O. Box 28 Edgewater, Maryland 21037

A.M. Session
0730-12:15

SERC Winter Bird Checklist

Observers JL, FM, TH, Chris

Date 11 Jan 97 Sector 1
Party Size 4 Party Hrs 4:30 AM
Miles: Foot Car Boat Total

Species	Individuals	Species	Individuals
Common Loon		Common Crow	11 17 11
Great Blue Heron	1	Fish Crow	
Tundra Swan	1	Blue Jay	11
Canada Goose	9 down + 25	Carolina Chickadee	11 + 11 11
Mallard	2 9	Tufted Titmouse	11
Black Duck	10 + 4	White-br. Nuthatch	
Wood Duck		Red-br. Nuthatch	
Redhead		Brown Creeper	
Canvasback	6 + 200	Carolina Wren	
Greater Scaup		Winter Wren	1
Lesser Scaup	15	N. Mockingbird	11 4
Scaup sp.	75	Brown Thrasher	
Comm. Goldeneye		Gray Catbird	
Bufflehead	11 11 11	American Robin	
Ruddy Duck	4 + 8 + 4	Hermit Thrush	
Red-br. Merganser	9 + 1	Eastern Bluebird	5
Oldsquaw		Ruby-cr. Kinglet	
Turkey Vulture	11	Golden-cr. Kinglet	
Black Vulture	1	Cedar Waxwing	
Bald Eagle		European Starling	
Sharp-shinned Hawk		Yeil-rumped Warbler	11 1
Red-tailed Hawk	31	House Sparrow	2
Red-shouldered Hawk	1	Red-winged Blackbird	20 3 40 40
American Kestrel	1 (Sparrow hawk)	Eastern Meadowlark	103
Bobwhite		Common Grackle	7
Kildeer	2	Brown-headed Cowbird	3
Herring Gull		Northern Cardinal	
Ring-billed Gull	20	Purple Finch	
Gr. Black-backed Gull	1	House Finch	4 + 6 8
Mourning Dove		Am. Goldfinch	5
Great Horned Owl		Ruf.-sided Towhee	11
Barred Owl		Dark-eyed Junco	4 1 + 5 + 15 1
Barn Owl		Field Sparrow	
Belted Kingfisher	11	Wh.-throated Sparrow	11 1 + 6 + 4
Common Flicker	11	Swamp Sparrow	
Pileated Woodpecker		Song Sparrow	11 2
Yellow-bell. Sapsucker			
Hairy Woodpecker			
Downy Woodpecker	11		
Red-bellied Woodpecker	11		
Eastern Phoebe	1		
Unidsparrow types	25 or so	Hooded Merganser	

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed Grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

T = totals for day

SERC Winter Bird Checklist

Stephanie Jamison
Observers Denny Whigham

Chris Swarth

Species Individuals

Date 1/11/97 Sector 3
Party Size 3 Party Hrs _____
Miles: Foot _____ Car _____ Boat _____

afternoon

PLS 445

T=14	Common Loon
T=12	Great Blue Heron
T=251	Tundra Swan 8, 4
T=3	Canada Goose 44 (320 m over mud flat)
T=164	Mallard 1, 2
	Black Duck 150, 9
	Wood Duck
	Redhead
	Canvasback
	Greater Scaup
	Lesser Scaup
	Scaup sp.
	Comm. Goldeneye
	Bufflehead
	Ruddy Duck 1
	Red-br. Merganser
	Ooldsquaw
T=2	Turkey Vulture
T=7	Black Vulture 1
T=1	Bald Eagle
T=2	Sharp-shinned Hawk 3
T=1	Red-tailed Hawk
T=1	Red-shouldered Hawk 1
T=8	American Kestrel
T=1	Bobwhite
T=10	Kildeer
T=1	Herring Gull
	Ring-billed Gull
	Gr. Black-backed Gull
	Mourning Dove
	Great Horned Owl
	Barred Owl
	Barn Owl
T=1	Belted Kingfisher 1
T=11	Common Flicker 1, 1, 1, 1
	Pileated Woodpecker
T=4	Yellow-bel. Sapsucker 1
T=9	Hairy Woodpecker
T=9	Downy Woodpecker 1, 1, 1
T=9	Red-bellied Woodpecker 1, 1, 1
	Eastern Phoebe

Species	33	Individuals
T=14	Common Crow 2	1, 1
	Fish Crow	
T=15	Blue Jay 1, 2, 2	
T=9	Carolina Chickadee 2, 1	
T=12	Tufted Titmouse 1, 1, 1, 3	
	White-br. Nuthatch	
	Red-br. Nuthatch	
T=1	Brown Creeper	
T=2	Carolina Wren	
T=2	Winter Wren	
T=2	N. Mockingbird 1, 1	
1?	Brown Thrasher 1, ?	
	Gray Catbird	
	American Robin	
T=9	Hermit Thrush 1, 1, 1, 1, 2	
T=25	Eastern Bluebird 20, 4	
	Ruby-cr. Kinglet	
	Golden-cr. Kinglet	
T=4	Cedar Waxwing 3, 1	
T=3	European Starling 1	
T=9	Yell.-rumped Warbler 1, 1	
	House Sparrow	
	Red-winged Blackbird	
	Eastern Meadowlark	
	Common Grackle	
	Brown-headed Cowbird	
T=23	Northern Cardinal 1, 2, 1, 2	
	Purple Finch	
	House Finch	
T=6	Am. Goldfinch 4	
T=1	Ruf.-sided Towhee 1	
T=21	Dark-eyed Junco 2, 1, 10	
	Field Sparrow	
T=93	Wh.-throated Sparrow 10, 2, 15, 10	
T=1	Swamp Sparrow 1	
T=17	Song Sparrow 1, 1	
T=1	Chipping Sparrow	
T=1	Fox Sparrow	
T=7	Hooded Merganser	
T=2	Mute Swan	
T=3	Coot	

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed Grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

3 Cost 3

3 Hooded Merganser 2, 1
2 Mute Swan 2

SERC Winter Bird Checklist

Stephanie Jamison
Observers Denny Whigham
Chris Swanson

Species Individuals

Common Loon	104	✓	Common Crow	1, 3, 2, 1, 2, 1, 2
Great Blue Heron	93		Fish Crow	
✓ Tundra Swan	2		✓ Blue Jay	1, 5, 1, 1, 1, 1
✓ Canada Goose	197	✓	✓ Carolina Chickadee	1, 1, 1, 1, 1
✓ Mallard	6, 6, 54, 30, 8, 29, 26, 38		✓ Tufted Titmouse	2, 1, 1, 1, 1
✓ Black Duck	5		White-br. Nuthatch	
Wood Duck			Red-br. Nuthatch	
Redhead			✓ Brown Creeper	1
Canvasback			✓ Carolina Wren	2
Greater Scaup			✓ Winter Wren	1, 1
Lesser Scaup			✓ N. Mockingbird	
Scaup sp.			Brown Thrasher	
Comm. Goldeneye			Gray Catbird	
Bufflehead			American Robin	
✓ Ruddy Duck			✓ Hermit Thrush	1, 1
Red-br. Merganser			✓ Eastern Bluebird	1
Oldsquaw			✓ Ruby-cr. Kinglet	
✓ Turkey Vulture	2	✓	✓ Golden-cr. Kinglet	2, 2
✓ Black Vulture	3, 2, 1		✓ Cedar Waxwing	
Bald Eagle			✓ European Starling	2
Sharp-shinned Hawk	1		✓ Yell.-rumped Warbler	1, 4, 2
✓ Red-tailed Hawk	1, 1		House Sparrow	
✓ Red-shouldered Hawk			Red-winged Blackbird	
American Kestrel			Eastern Meadowlark	
Bobwhite			Common Grackle	
✓ Killdeer	2, 2, 4		Brown-headed Cowbird	
✓ Herring Gull	1		✓ Northern Cardinal	1, 1, 1, 2, 1, 2
✓ Ring-billed Gull	10, 2, 8		Purple Finch	
✓ Gr. Black-backed Gull	1		House Finch	
Mourning Dove			✓ Am. Goldfinch	1
Great Horned Owl			✓ Ruf.-sided Towhee	
Barred Owl			✓ Dark-eyed Junco	8
Barn Owl			Field Sparrow	
✓ Belted Kingfisher			✓ Wh.-throated Sparrow	4, 10, 12, 10, 20
✓ Common Flicker	1, 1, 1, 4		✓ Swamp Sparrow	
Pileated Woodpecker			✓ Song Sparrow	1, 1, 1, 1, 1, 10
✓ Yellow-bell. Sapsucker	1, 1		✓ Chipping Sparrow	1
Hairy Woodpecker			✓ Fox Sparrow	1
✓ Downy Woodpecker	1, 2, 1, 1			
✓ Red-bellied Woodpecker	1, 1, 1, 1, 1			
Eastern Phoebe				

morning
Date 1/11/97 Sector 3
Party Size 3 Party Hrs _____
Miles: Foot _____ Car _____ Boat _____ Total _____

Species	35	Individuals
Common Crow	1, 3, 2, 1, 2, 1, 2	
Fish Crow		
✓ Blue Jay	1, 5, 1, 1, 1, 1	
✓ Carolina Chickadee	1, 1, 1, 1, 1	
✓ Tufted Titmouse	2, 1, 1, 1, 1	
White-br. Nuthatch		
Red-br. Nuthatch		
✓ Brown Creeper	1	
✓ Carolina Wren	2	
✓ Winter Wren	1, 1	
✓ N. Mockingbird		
Brown Thrasher		
Gray Catbird		
American Robin		
✓ Hermit Thrush	1, 1	
✓ Eastern Bluebird	1	
✓ Ruby-cr. Kinglet		
✓ Golden-cr. Kinglet	2, 2	
✓ Cedar Waxwing		
✓ European Starling	2	
✓ Yell.-rumped Warbler	1, 4, 2	
House Sparrow		
Red-winged Blackbird		
Eastern Meadowlark		
Common Grackle		
Brown-headed Cowbird		
✓ Northern Cardinal	1, 1, 1, 2, 1, 2	
Purple Finch		
House Finch		
✓ Am. Goldfinch	1	
✓ Ruf.-sided Towhee		
✓ Dark-eyed Junco	8	
Field Sparrow		
✓ Wh.-throated Sparrow	4, 10, 12, 10, 20	
✓ Swamp Sparrow		
✓ Song Sparrow	1, 1, 1, 1, 1, 10	
✓ Chipping Sparrow	1	
✓ Fox Sparrow	1	

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

✓ Hooded Merganser 2, 2

SERC Winter Bird Checklist

Observers Chris Barkan, Paul Fofonoff 9:35-4:30
Karen Marti (7:35-9:45) only

Date 11 Jan 97 Sector 2
 Party Size 3 Party Hrs _____
 Miles: Foot _____ Car _____ Boat _____ Total _____

Species	Individuals
Common Loon	10-12:15 1:15-4:00
Great Blue Heron	1
Tundra Swan	1
Canada Goose	8, 2, 18
Mallard	2, 2
Black Duck	2 30, 10, 10
Wood Duck	
Redhead	
Canvasback	
Greater Scaup	
Lesser Scaup	
Scaup sp.	
Comm. Goldeneye	
Bufflehead	
Buddy Duck	
Red-br. Merganser	1
Ooldsquaw	
Turkey Vulture	1 2, 2
Black Vulture	
Bald Eagle	
Sharp-shinned Hawk	
Red-tailed Hawk	2
Red-shouldered Hawk	
American Kestrel	
Bobwhite	
Kildeer	
Herring Gull	
Ring-billed Gull	1 6
Gr. Black-backed Gull	
Mourning Dove	6
Great Horned Owl	
Barred Owl	
Barn Owl	
Belted Kingfisher	1
Common Flicker	1 11
Pileated Woodpecker	
Yellow-bell. Sapsucker	1
Hairy Woodpecker	
Downy Woodpecker	2, 11 3
Red-bellied Woodpecker	1 11
Eastern Phoebe	

Species	Individuals
Common Crow	7:35-9:45 10-12:15 1:15-4:00 4:15-4:30
Fish Crow	
Blue Jay	
Carolina Chickadee	2, 2, 2 2, 2, 2 2, 2, 2 3
Tufted Titmouse	2, 1 2, 2 1, 3, 4, 1 1
White-br. Nuthatch	
Red-br. Nuthatch	
Brown Creeper	
Carolina Wren	1
Winter Wren	
N. Mockingbird	
Brown Thrasher	
Gray Catbird	
American Robin	
Hermit Thrush	2
Eastern Bluebird	1 10
Ruby-cr. Kinglet	
Golden-cr. Kinglet	3, 3, 3, 2 3, 1, 1 1
Cedar Waxwing	
European Starling	
Yellow-rumped Warbler	1, 2 1, 3, 2, 1, 3 14
House Sparrow	
Red-winged Blackbird	2
Eastern Meadowlark	
Common Grackle	
Brown-headed Cowbird	
Northern Cardinal	1, 1 2, 2 1
Purple Finch	
House Finch	
Am. Goldfinch	3, 4, 8 3
Ruf.-sided Towhee	
Dark-eyed Junco	6, 6, 1, 8, 4, 6 6, 1, 0, 2, 3, 0 10, 6 6
Field Sparrow	
Wh.-throated Sparrow	15, 4 12, 6, 6 6, 12, 5, 5, 10
Swamp Sparrow	
Song Sparrow	2, 12, 4 1 1, 3
Hooded Merganser	2
Red-vented Tropicbird	1

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

“Target” species - often in area, but missed on some counts

All loons and grebes
All herons and egrets
Tundra Swan and Mute Swan
All ducks except Mallard, Black Duck, Bufflehead, Lesser Scaup, Canvasback
Bald Eagle
All hawks except Red-shouldered Hawk
All owls
All gulls except Ring-billed Gull
All shorebirds
Rock Dove
Bobwhite
Wild Turkey
Red-headed Woodpecker
Eastern Phoebe
Fish Crow
Red-breasted Nuthatch and White-breasted Nuthatch
Winter Wren
Brown Thrasher
Gray Catbird
Hermit Thrush
American Robin
Ruby-crowned Kinglet
Loggerhead Shrike
Brown-headed Cowbird
Common Grackle
Purple Finch and House Finch
All sparrows except House, White-throated, and Song